Welcome to STN International! Enter x:x LOGINID:sssptau153cxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
Welcome to STN International
                Web Page URLs for STN Seminar Schedule - N. America
NEWS 1
                "Ask CAS" for self-help around the clock
NEWS
                CA/CAplus pre-1967 chemical substance index entries enhanced
NEWS
        DEC 18
                with preparation role
                CA/CAplus patent kind codes updated
        DEC 18
NEWS
        DEC 18 MARPAT to CA/CAplus accession number crossover limit increased
NEWS
                to 50,000
                MEDLINE updated in preparation for 2007 reload
        DEC 18
NEWS 6
NEWS 7 DEC 27 CA/CAplus enhanced with more pre-1907 records
        JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 8
NEWS 9 JAN 16 CA/Caplus Company Name Thesaurus enhanced and reloaded
        JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 10
NEWS 11 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 12 JAN 22 CA/CAplus updated with revised CAS roles
NEWS 13 JAN 22 CA/CAplus enhanced with patent applications from India
        JAN 29 PHAR reloaded with new search and display fields
NEWS 14
                CAS Registry Number crossover limit increased to 300,000 in
        JAN 29
NEWS 15
                multiple databases
NEWS 16 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 17 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 18 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 19 FEB 26 MEDLINE reloaded with enhancements
NEWS 20 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 21 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 22 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 23 FEB 26 CAS Registry Number crossover limit increased from 10,000
                to 300,000 in multiple databases
NEWS 24 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 25 MAR 16 CASREACT coverage extended
NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
             MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
             AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
             STN Operating Hours Plus Help Desk Availability
NEWS HOURS
NEWS LOGIN
             Welcome Banner and News Items
             For general information regarding STN implementation of IPC 8
NEWS IPC8
             X.25 communication option no longer available
NEWS X25
```

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * STN Columbus

FILE 'HOME' ENTERED AT 15:24:54 ON 18 MAR 2007

=> full japio epfull medline biosis embase scisearch FULL IS NOT A RECOGNIZED COMMAND The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> file japio epfull medline biosis embase scisearch caplus uspatfull SINCE FILE TOTAL COST IN U.S. DOLLARS SESSION ENTRY 0.42 0.42

FULL ESTIMATED COST

FILE 'JAPIO' ENTERED AT 15:25:45 ON 18 MAR 2007 COPYRIGHT (C) 2007 Japanese Patent Office (JPO) - JAPIO

FILE 'EPFULL' ENTERED AT 15:25:45 ON 18 MAR 2007 COPYRIGHT (C) 2007 European Patent Office / FIZ Karlsruhe

FILE 'MEDLINE' ENTERED AT 15:25:45 ON 18 MAR 2007

FILE 'BIOSIS' ENTERED AT 15:25:45 ON 18 MAR 2007 Copyright (c) 2007 The Thomson Corporation

FILE 'EMBASE' ENTERED AT 15:25:45 ON 18 MAR 2007 Copyright (c) 2007 Elsevier B.V. All rights reserved.

FILE 'SCISEARCH' ENTERED AT 15:25:45 ON 18 MAR 2007 Copyright (c) 2007 The Thomson Corporation

FILE 'CAPLUS' ENTERED AT 15:25:45 ON 18 MAR 2007 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 15:25:45 ON 18 MAR 2007 CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (drug delivery) and (bucky paper) 7 FILES SEARCHED... 13 (DRUG DELIVERY) AND (BUCKY PAPER) L1

=> s 11 and (carbon nantotubes) 0 L1 AND (CARBON NANTOTUBES) L2

=> s 11 and (carbon nanotubes) 8 L1 AND (CARBON NANOTUBES) L3

=> s 13 and magnetic? 5 L3 AND MAGNETIC? L4

=> s 14 and (cylinder or pouch) 3 L4 AND (CYLINDER OR POUCH) L5

=> d 15 1-3 ibib abs

USPATFULL on STN ANSWER 1 OF 3 L5

2005:189092 USPATFULL ACCESSION NUMBER:

Hybrid materials and methods for producing the same TITLE: Luzzi, David E., Wallingford, PA, UNITED STATES INVENTOR(S): Smith, Brian W., Philadelphia, PA, UNITED STATES

Trustees of the University of Pennsylvania, PATENT ASSIGNEE(S):

Philadelphia, PA, UNITED STATES (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 2005164001 A1 20050728 APPLICATION INFO.: US 2005-74222 A1 20050307 (11)

RELATED APPLN. INFO.: Division of Ser. No. US 2003-335691, filed on 2 Jan

2003, GRANTED, Pat. No. US 6863857 Division of Ser. No. US 2000-625946, filed on 26 Jul 2000, GRANTED, Pat. No.

US 6544463

NUMBER DATE

PRIORITY INFORMATION: US 1999-145586P 19990726 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR,

1650 MARKET STREET, PHILADELPHIA, PA, 19103, US

NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
LINE COUNT: 619

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hybrid material is provided which comprises a first single-walled nanotube having a lumen, and a fill molecule contained within the lumen of the single-walled nanotube. A method for producing the hybrid material is also provided wherein a single-walled nanotube is contacted with a fill molecule to cause the fill molecule to enter the lumen of the single-walled nanotube.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:223888 USPATFULL

TITLE: Hybrid materials and methods for producing the same INVENTOR(S): Luzzi, David E., Wallingford, PA, UNITED STATES

INVENTOR(S): Luzzi, David E., Wallingford, PA, UNITED STATES

Smith, Brian W., Philadelphia, PA, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2003155692 A1 20030821
US 6863857 B2 20050308
APPLICATION INFO.: US 2003-335691 A1 20030102

APPLICATION INFO.: US 2003-335691 A1 20030102 (10) RELATED APPLN. INFO.: Division of Ser. No. US 2000-625946, filed on 26 Jul

2000, GRANTED, Pat. No. US 6544463

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR,

1650 MARKET STREET, PHILADELPHIA, PA, 19103

NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
LINE COUNT: 633

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hybrid material is provided which comprises a first single-walled nanotube having a lumen, and a fill molecule contained within the lumen of the single-walled nanotube. A method for producing the hybrid material is also provided wherein a single-walled nanotube is contacted with a fill molecule to cause the fill molecule to enter the lumen of the single-walled nanotube.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:95775 USPATFULL

TITLE: Hybrid materials and methods for producing the same

INVENTOR(S): Luzzi, David E., Wallingford, PA, United States

Smith, Brian W., Schelton, CT, United States

PATENT ASSIGNEE(S): The Trustees of the University of Pennsylvania,

Philadelphia, PA, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 6544463 B1 20030408

APPLICATION INFO.: US 2000-625946 20000726 (9)

NUMBER DATE

PRIORITY INFORMATION: US 1999-145586P 19990726 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Tentoni, Leo B.

LEGAL REPRESENTATIVE: Woodcock Washburn LLP

NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)

LINE COUNT: 684

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hybrid material is provided which comprises a first single-walled nanotube having a lumen, and a fill molecule contained within the lumen of the single-walled nanotube. A method for producing the hybrid material is also provided wherein a single-walled nanotube is contacted

with a fill molecule to cause the fill molecule to enter the lumen of

the single-walled nanotube.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.